SEQUENCE LISTING

SEQ ID NO:1

Mouse TGR18 DNA: (start and stop codons in bold)

GCTCCTGGCAGAGTTTTCTGTCGAGACAGAAGCCGACAGCAGAATGGCACAGAATTTATC5 TTGTGAGAATTGGTTGGCAACAGAGGCTATCTTGAATAAGTACTACCTCTCTGCATTTTA TGCAATCGAGTTCATTTTTGGACTGCTTGGGAATGTCACTGTGGTGTTCGGCTACCTCTT CTGCATGAAGAACTGGAACAGCAGCAATGTCTATCTTTTTAACCTTTCCATCTCTGACTT TGCTTTCCTGTGCACCCTTCCCATCCTGATAAAGAGTTATGCCAATGATAAGGGGACCTA TGGAGATGTTCTCTGTATAAGCAACCGATATGTGCTTCACACCAACCTCTACACCAGCAT 10 CCTCTTCCTCACTTTCATTAGCATGGACCGATATCTGCTCATGAAGTACCCTTTCCGAGA GACCTTAGAAGTTCTACCCATGCTCACTTTCATCAATTCTGTCCCAAAAGAAGAGGGCAG TAACTGCATCGACTATGCAAGTTCTGGAAACCCTGAACACAATCTCATTTACAGCCTCTG CCTGACTTTGTTGGGCTTCCTAATTCCTCTCTCTGTGATGTGCTTCTTCTACTACAAGAT GGTAGTCTTCTTAAAGAGGAGGAGCCAGCAGCAAGCAACTGCCCTGCCACTGGACAAACC CCAACGCCTGGTGGTCCTGGCGGTTGTGATCTTCTCTATACTCTTCACACCCTATCATAT CATGCGCAATTTGAGGATCGCCTCACGCCTGGATAGTTGGCCACAAGGATGTACACAGAA GGCCATCAAATCTATATACACACTGACACGGCCTCTGGCCTTTCTGAACAGTGCCATCAA TCCCATCTTCTACTTCCTCATGGGAGACCATTACAGAGAGATGCTGATTAGTAAGTTCAG 20 ACAATACTTCAAGTCCCTTACATCCTTCAGGACA**TGA**GCTGCTGGATGCAGGTCTTCACT CAGCCAAAATGAGACACTTGATAAACAGTGCTGTGCAGTTGAGTTTAACTAAGTAAACC ACCATTTCTAGGCTTTAGCTTTCCACCATCCTCCAACCCCCAGGGCTGGAGTACAAGCTG GGTCCACATGAATCAGAAGGCAGCTCTCTGTTCTGATTTTAGGTTATACCCAGAGTATGG AAAAAATAAGGCATGAGAAAGCATTGACATCTTCACTTAAGAACTGAACAAAAGAGAACA 25 AATATTGTCAATGTTTGGACACTTAGGATCTGAAATCTTGGAAATTTTAAGACCTCTTTT TCTATCAGTGTAAAAGGAATACAAGATAGCTAGTTGCAAATGCTGAATGCATTTCATCAT TGGTCAGGTCGATAAGCGTGTTTCTGAAATAGTCTTATTTTTATTCTTGTAATATTAAAA TTTATGTGAAAAATGAATATAATTCAATGTACAACATTAGATTTTCTATTTGAAAATTAT ATTTCTTGAAAAAATAACTGCTGTGCCTAAATAAATCAATATA

SEQ ID NO:2

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Mouse TGR18 protein

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MAQNLSCENWLATEAILNKYYLSAFYAIEFIFGLLGNVTVVFGYLFCMKNWNSSNVYLFN
LSISDFAFLCTLPILIKSYANDKGTYGDVLCISNRYVLHTNLYTSILFLTFISMDRYLLM
KYPFREHFLQKKEFAILISLAVWALVTLEVLPMLTFINSVPKEEGSNCIDYASSGNPEHN
LIYSLCLTLLGFLIPLSVMCFFYYKMVVFLKRRSQQQATALPLDKPQRLVVLAVVIFSIL
FTPYHIMRNLRIASRLDSWPQGCTQKAIKSIYTLTRPLAFLNSAINPIFYFLMGDHYREM
LISKFROYFKSLTSFRT

10 **SEO ID NO:3**

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Human TGR 21 DNA

ATGGAGGATCTCTTTAGCCCCTCAATTCTGCCGCCGGCGCCCAACATTTCCGTGCCCATC TTGCTGGGCTGGGGTCTCAACCTGACCTTGGGGCAAGGAGCCCCTGCCTCTGGGCCGCCC AGCCGCCGCGTCCGCCTGGTGTTCCTGGGGGGTCATCCTGGTGGTGGCGGTGGCAGCCAAC ACCACAGTGCTGTGCCGCCTGTGCGGCGGCGGCGCCCTGGGCCGGGCCCCAAGCGTCGC AAGATGGACTTCCTGCTGGTGCAGCTGGCCCTGGCGGACCTGTACGCGTGCGGGGGCACG GCGCGTGCCCTCGCCGCCCTGGGCTGGCTGCTGGCACTGCTGCTGGCGCTGCCCCCGGCC TTCGTGGTGCGCGGGGACTCCCCCTCGCCGCTGCCGCCGCCGCCGCCGCCAACGTCCCTG CAGCCAGGCGCCCCCGGCCCCCGCCCTGGCCGGGGGAGCGTCGCTGCCACGGGATC TTCGCGCCCCTGCCGCGCTGGCACCTGCAGGTCTACGCGTTCTACGAGGCCGTCGCGGGC TTCGTCGCGCCTGTTACGGTCCTGGGCGTCGCTTGCGGCCACCTACTCTCCGTCTGGTGG CGGCACCGGCCGCAGGCCCCCGCGGCTGCAGCCCCTGGTCGGCGAGCCCAGGTCGAGCC CCTGCGCCCAGCGCGCTGCCCCGCGCCAAGGTGCAGAGCCTGAAGATGAGCCTGCTG GCGCTGCTGTTCGTGGGCTGCGAGCTGCCCTACTTTGCCGCCCGGCTGGCGGCCGCGTGG GCGATGGCCAACAGCGCTCTCAATCCCTTCGTCTACCTCTTCTTCCAGGCGGCGACTGC CGGCTCCGGCGACAGCTGCGGAAGCGGCTGGGCTCTCTGTGCTGCGCGCCGCAGGGAGGC GCGGAGGACGAGGGGCCCCGGGGCCACCAGGCGCTCTACCGCCAACGCTGGCCCCAC CCTCATTATCACCATGCTCGGCGGGAACCGCTGGACGAGGGCGGCTTGCGCCCACCCCCT CCGCGCCCCAGACCCCTGCCTTGCTCCTGCGAAAGTGCCTTCTAG

SEQ ID NO:4

Human TGR21 Protein:

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MEDLFSPSILPPAPNISVPILLGWGLNLTLGQGAPASGPPSRRVRLVFLGVILVVAVAGN
TTVLCRLCGGGGPWAGPKRRKMDFLLVQLALADLYACGGTALSQLAWELLGEPRAATGDL
ACRFLQLLQASGRGASAHLVVLIALERRRAVRLPHGRPLPARALAALGWLLALLLALPPA
FVVRGDSPSPLPPPPPPTSLQPGAPPAARAWPGERRCHGIFAPLPRWHLQVYAFYEAVAG
FVAPVTVLGVACGHLLSVWWRHRPQAPAAAAPWSASPGRAPAPSALPRAKVQSLKMSLLL
ALLFVGCELPYFAARLAAAWSSGPAGDWEGEGLSAALRVVAMANSALNPFVYLFFQAGDC
RLRRQLRKRLGSLCCAPQGGAEDEEGPRGHQALYRQRWPHPHYHHARREPLDEGGLRPPP
PRPRPLPCSCESAF

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SEO ID NO:5

Human TGR62 DNA (start and stop codons in bold)

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GTTGAACTGCTTAGAGCCAGGAGATTAGCCAAGTCACTGGCCATTCTCTTAGGGGTTTTT

GCTGTTTGCTGGGCTCCATATTCTCTGTTCACAATTGTCCTTTCATTTTATTCCTCAGCA
ACAGGTCCTAAATCAGTTTGGTATAGAATTGCATTTTTGGCTTCAGTGGTTCAAATTCCTTT
GTCAATCCTCTTTTGTATCCATTGTGTCACAAGCGCTTTCAAAAGGCTTTCTTGAAAATA
TTTTGTATAAAAAAAGCAACCTCTACCATCACAACACAGTCGGTCAGTATCTTCTTAAAGA
CAATTTTCTCACCTCTGTAAATTTTAGTCTCAATCTCACCTAAATGAATCAGGTCTGCCC
TTTATC

SEQ ID NO:6

10 Human TGR62 protein

MPDTNSTINLSLSTRVTLAFFMSLVAFAIMLGNALVILAFVVDKNLRHRSSYFFLNLAIS
DFFVGVISIPLYIPHTLFEWDFGKEICVFWLTTDYLLCTASVYNIVLISYDRYLSVSNAV
SYRTQHTGVLKIVTLMVAVWVLAFLVNGPMILVSESWKDEGSECEPGFFSEWYILAITSF
LEFVIPVILVAYFNMNIYWSLWKRDHLSRCQSHPGLTAVSSNICGHSFRGRLSSRRSLSA
STEVPASFHSERQRRKSSLMFSSRTKMNSNTIASKMGSFSQSDSVALHQREHVELLRARR
LAKSLAILLGVFAVCWAPYSLFTIVLSFYSSATGPKSVWYRIAFWLQWFNSFVNPLLYPL
CHKRFQKAFLKIFCIKKQPLPSQHSRSVSS

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SEQ ID NO:7

Human TGR130.1 DNA (start and stop codons in bold):

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SEQ ID NO:8

TGR130.1 Protein

20 MPTLNTSASPPTFFWANASGGSVLSADDAPMPVKFLALRLMVALAYGLVGAIGLLGNLAV
LWVLSNCARRAPGPPSDTFVFNLALADLGLALTLPFWAAESALDFHWPFGGALCKMVLTA
TVLNVYASIFLITALSVARYWVVAMAAGPGTHLSLFWARIATLAVWAAAALVTVPTAVFG
VEGEVCGVRLCLLRFPSRYWLGAYQLQRVVLAFMVPLGVITTSYLLLLAFLQRRQRRRQD
SRVVARSVRILVASFFLCWFPNHVVTLWGVLVKFDLVPWNSTFYTIQTYVFPVTTCLAHS
25 NSCLNPVLYCLLRREPRQALAGTFRDLRSRLWPQGGGWVQQVALKQVGRRWVASNPRESR
PSTLLTNLDRGTPG

SEQ ID NO:9

30 TGR 130.2 DNA (start and stop codons in bold)

GCCTCCTTCCTAGAGCCTTCAGTGGCCTCTGCCAGTCTGGCAGACACTTGCAGACCTCTC
TTCTCAGCACCACCAATCTCTGATGCCCTGCGATGCCCACACTCAATACTTCTGCCTCTC
CACCCACATTCTTCTGGGCCAATGCCTCCGGAGGCAGTGTGCTGAGTGCTGATGATGCTC

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CGATGCCTGTCAAATTCCTAGCCCTGAGGCTCATGGTTGCCCTGGCCTATGGGCTTGTGG GGGCCATTGGCTGGGAAATTTGGCGGTGCTGTGGGTACTGAGTAACTGTGCCCGGA GAGCCCCTGGCCCACCTTCAGACACCTTCGTCTTCAACCTGGCTCTGGCGGACCTGGGAC TGGCACTCACTCTCCCCTTTTGGGCAGCCGAGTCGGCACTGGACTTTCACTGGCCCTTCG GAGGTGCCCTCTGCAAGATGGTTCTGACGGCCACTGTCCTCAACGTCTATGCCAGCATCT ${\tt TCCTCATCACAGCGCTGAGCGTTGCTCGCTACTGGGTGGCCATGGCTGCGGGGCCAG}$ GCACCCACCTCTCACTCTTCTGGGCCCGAATAGCCACCCTGGCAGTGTGGGCGGCGGCTG TTTGCCTGCTGCGTTTCCCCAGCAGGTACTGGCTGGGGGGCCTACCAGCTGCAGAGGGTGG TCCTGCAGCGGCGGCAACGGCGGCGGCAGGACAGCAGGGTCGTGGCCCGCTCTGTCCGCA TCCTGGTGGCTTCCTTCTTCCTCTGCTGGTTTCCCAACCATGTGGTCACTCTCTGGGGTG TCCTGGTGAAGTTTGACCTGGTGCCCTGGAACAGTACTTTCTATACTATCCAGACGTATG TCTTCCCTGTCACTACTTGCTTGGCACACAGCAATAGCTGCCTCAACCCTGTGCTGTACT $\tt GTCTCCTGAGGCGGGAGCCCCGGCAGGCTCTGGCAGGCACCTTCAGGGATCTGCGGTTGA$ GGTGGGTCGCAAGCAACCCCCGGGAGAGCCGCCCTTCTACCCTGCTCACCAACCTGGACA $\tt GAGGGACACCCGGG{\bf TGA} AGGGCGCAAGCTGAACACTCCTCTTTCTGAGATCCACCAAG$ TGTAGGATCCTTGAGTCCTGGGGAGAAGCTGCCCTCTCTGCCAGGCTGCAGTGCCCTCAG GGAAAAGTCTGATCTTTGATCCCCAACTCTGGGTGTGGTGAATGGGGGAGGCGGGGCTC AGATCAGAGCTGGATGTGACAAAGCTTAAGTCTTTATTTGGAGATGGGAAAGAAGAGGGAT CTGAGAATAAACCTCTGGATTATCC

25 **SEO ID NO:10**

human TGR130.2 protein

MPTLNTSASPPTFFWANASGGSVLSADDAPMPVKFLALRLMVALAYGLVGAIGLLGNLAV
LWVLSNCARRAPGPPSDTFVFNLALADLGLALTLPFWAAESALDFHWPFGGALCKMVLTA
TVLNVYASIFLITALSVARYWVVAMAAGPGTHLSLFWARIATLAVWAAAALVTVPTAVFG
VEGEVCGVRLCLLRFPSRYWLGAYQLQRVVLAFMVPLGVITTSYLLLLAFLQRRQRRRQD
SRVVARSVRILVASFFLCWFPNHVVTLWGVLVKFDLVPWNSTFYTIQTYVFPVTTCLAHS
NSCLNPVLYCLLRREPRQALAGTFRDLRLRLWPQGGGWVQQVALKQVGRRWVASNPRESR
PSTLLTNLDRGTPG

SEO ID NO:11

Human TGR213 DNA

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ATGGAGTCCTCACCCATCCCCCAGTCATCAGGGAACTCTTCCACTTTGGGGAGGGTCCCT CAAACCCCAGGTCCCTCTACTGCCAGTGGGGTCCCGGAGGTGGGGCTACGGGATGTTGCT GCCGCTGTGATGGCCGTGATCGCCAAGACGCCTGCCCTCCGAAAATTTGTCTTCGTCTTC CACCTCTGCCTGGTGGACCTGCTGGCCTGACCCTCATGCCCCTGGCCATGCTCTCC AGCTCTGCCCTCTTTGACCACGCCCTCTTTGGGGAGGTGGCCTGCCGCCTCTACTTGTTT CTGAGCGTGTGCTTTGTCAGCCTGGCCATCCTCTCGGTGTCAGCCATCAATGTGGAGCGC TACTATTACGTAGTCCACCCCATGCGCTACGAGGTGCGCATGACGCTGGGGCTGGTGGCC TCTGTGCTGGTGGGTGTGGGTGAAGGCCTTGGCCATGGCTTCTGTGCCAGTGTTGGGA AGGGTCTCCTGGGAGGAAGGAGCTCCCAGTGTCCCCCCAGGCTGTTCACTCCAGTGGAGC CACAGTGCCTACTGCCAGCTTTTTGTGGTGGTCTTTTGCTGTCCTTTACTTTCTGTTGCCC CTGCTCCTCATACTTGTGGTCTACTGCAGCATGTTCCGAGTGGCCCGCGTGGCTGCCATG CAGCACGGGCCGCTGCCCACGTGGATGGAGACACCCCGGGCAACGCTCCGAATCTCTCAGC AGCCGCTCCACGATGGTCACCAGCTCGGGGGCCCCCCAGACCACCCCCACACCGGACGTTT GGGGGAGGGAAAGCAGCAGTGGTTCTCCTGGCTGTGGGGGGGACAGTTCCTGCTCTGTTGG TTGCCCTACTTCTCTTTCCACCTCTATGTTGCCCTGAGTGCTCAGCCCATTTCAACTGGG CAGGTGGAGAGTGTGGTCACCTGGATTGGCTACTTTTGCTTCACTTCCAACCCTTTCTTC AAGCCAGCTCCAGAGGAGGAGCTGAGGCTGCCTAGCCGGGAGGGCTCCATTGAGGAGAAC TTCCTGCAGTTCCTTCAGGGGACTGGCTGTCCTTCTGAGTCCTGGGTTTCCCGACCCCTA CCCAGCCCCAAGCAGGAGCCACCTGCTGTTGACTTTCGAATCCCAGGCCAGATAGCTGAG GAGACCTCTGAGTTCCTGGAGCAGCAACTCACCAGCGACATCATCATGTCAGACAGCTAC CTCCGTCCTGCCGCCTCACCCCGGCTGGAGTCATGA

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SEO ID NO:12

Human TGR213 protein

MESSPIPQSSGNSSTLGRVPQTPGPSTASGVPEVGLRDVASESVALFFMLLLDLTAVAGN
AAVMAVIAKTPALRKFVFVFHLCLVDLLAALTLMPLAMLSSSALFDHALFGEVACRLYLF
LSVCFVSLAILSVSAINVERYYYVVHPMRYEVRMTLGLVASVLVGVWVKALAMASVPVLG
RVSWEEGAPSVPPGCSLQWSHSAYCQLFVVVFAVLYFLLPLLLILVVYCSMFRVARVAAM
QHGPLPTWMETPRQRSESLSSRSTMVTSSGAPQTTPHRTFGGGKAAVVLLAVGGQFLLCW
LPYFSFHLYVALSAQPISTGQVESVVTWIGYFCFTSNPFFYGCLNRQIRGELSKQFVCFF
KPAPEEELRLPSREGSIEENFLQFLQGTGCPSESWVSRPLPSPKQEPPAVDFRIPGQIAE
ETSEFLEOOLTSDIIMSDSYLRPAASPRLES

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SEO ID NO:13

human novel edg receptor (hEDG) DNA:

ATGGAGTCGGGGCTGCTGCGGCCGGCGCGGTGAGCGAGGTCATCGTCCTGCATTACAAC TACACCGGCAAGCTCCGCGGTGCGCGCTACCAGCCGGGTGCCGGCCTGCGCCGACGCC GTGGTGTGCCTGGCGGTGTGCGCCTTCATCGTGCTAGAGAATCTAGCCGTGTTGTTGGTG CTCGGACGCCACCCGCGCTTCCACGCTCCCATGTTCCTGCTCCTGGGCAGCCTCACGTTG TCGGATCTGCTGGCAGGCGCCGCCTACGCCGCCAACATCCTACTGTCGGGGCCGCTCACG GCGTCCGTGCTGAGCCTCCTGGCCATCGCGCTGGAGCCTCACCATGGCGCGCAGG GGGCCCGCGCCCGTCTCCAGTCGGGGGCGCACGCTGGCGATGGCAGCCGCGGCCTGGGGC GTGTCGCTGCTCCGGGCTCCTGCCAGCGCTGGGCTGGAATTGCCTGGGTCGCCTGGAC GCTTGCTCCACTGTCTTGCCGCTCTACGCCAAGGCCTACGTGCTCTTCTGCGTGCTCGCC TTCGTGGGCATCCTGGCCGCTATCTGTGCACTCTACGCGCGCATCTACTGCCAGGTACGC GCCAACGCGCGCGCCTGCCGGCACGGCCCGGGACTGCGGGGACCACCTCGACCCGGGCG $\tt CGTCGCAAGCCGCGCTCGCTGGCCTTGCTGCGCACGCTCAGCGTGGTGCTCCTGGCCTTT$ GTGGCATGTTGGGGCCCCCTCTTCCTGCTGCTGTTGCTCGACGTGGCGTGCCCGGCGCGC ACCTGTCCTGTACTCCTGCAGGCCGATCCCTTCCTGGGACTGGCCATGGCCAACTCACTT CTGAACCCCATCATCTACACGCTCACCAACCGCGACCTGCGCCACGCGCTCCTGCGCCTG GTCTGCTGCGGACGCCACTCCTGCGGCAGAGACCCGAGTGGCTCCCAGCAGTCGGCGAGC GCGGCTGAGGCTTCCGGGGGCCTGCCCGCCCCCCGGGCCTTGATGGGAGCTTC AGCGGCTCGGAGCGCTCATCGCCCCAGCGCGACGGGCTGGACACCAGCGGCTCCACAGGC AGCCCCGGTGCACCCACAGCCGCCCGGACTCTGGTATCAGAACCGGCTGCAGACTGA

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SEO ID NO:14

Human novel edg receptor protein:

5 MESGLLRPAPVSEVIVLHYNYTGKLRGARYQPGAGLRADAVVCLAVCAFIVLENLAVLLV
LGRHPRFHAPMFLLLGSLTLSDLLAGAAYAANILLSGPLTLKLSPALWFAREGGVFVALT
ASVLSLLAIALERSLTMARRGPAPVSSRGRTLAMAAAAWGVSLLLGLLPALGWNCLGRLD
ACSTVLPLYAKAYVLFCVLAFVGILAAICALYARIYCQVRANARRLPARPGTAGTTSTRA
RRKPRSLALLRTLSVVLLAFVACWGPLFLLLLLDVACPARTCPVLLQADPFLGLAMANSL
LNPIIYTLTNRDLRHALLRLVCCGRHSCGRDPSGSQQSASAAEASGGLRRCLPPGLDGSF
SGSERSSPQRDGLDTSGSTGSPGAPTAARTLVSEPAAD

SEQ ID NO:15

TGR92 DNA

TCCTTCTCTCCCTCACCCTCTCTGCTCCCTCTGCCTTTACCACTGTGGGGGGGTCCTCT GGAGGGCCCTGCCACCCCACCTCTTCCTCGCTGGTGTCTGCCTTCCTGGCACCAATCCTG GCCCTGGAGTTTGTCCTGGGCCTGGTGGGGAACAGTTTGGCCCTCTTCATCTTCTGCATC CTCCTGATCAGCAACCTGCCCCTCCGCGTGGACTACTACCTCCTCCATGAGACCTGGCGC TTTGGGGCTGCTGCCAAAGTCAACCTCTTCATGCTGTCCACCAACCGCACGGCCAGC GTTGTCTTCCTCACAGCCATCGCACTCAACCGCTACCTGAAGGTGGTGCAGCCCCACCAC ATCCTGCTCCTCAACGGGCACCTGCTCCTGAGCACCTTCTCCGGCCCCTCCTGCCTCAGC TACAGGGTGGGCACGAAGCCCTCGGCCTCGCTCCGCTGGCACCAGGCACTGTACCTGCTG GAGTTCTTCCTGCCACTGGCGCTCATCCTCTTTGCTATTGTGAGCATTGGGCTCACCATC CGGAACCGTGGTCTGGGCGGCAGGCAGGCCCGCAGAGGGCCATGCGTGTGCTGGCCATG GTGGTGGCCGTCTACACCATCTGCTTCTTGCCCAGCATCATCTTTGGCATGGCTTCCATG GTGGCTTTCTGGCTGTCCGCCTGCCGATCCCTGGACCTCTGCACACAGCTCTTCCATGGC TCCCTGGCCTTCACCTACCTCAACAGTGTCCTGGACCCCGTGCTCTACTGCTTCTCTAGC CCCAACTTCCTCCACCAGAGCCGGGCCTTGCTGGGCCTCACGCGGGGCCGGCAGGGCCCA GTGAGCGACGAGAGCTCCTACCAACCCTCCAGGCAGTGGCGCTACCGGGAGGCCTCTAGG

5 **SEO ID NO:16**

TGR92 protein

MELHNLSSPSPSLSSSVLPPSFSPSPSSAPSAFTTVGGSSGGPCHPTSSSLVSAFLAPIL
ALEFVLGLVGNSLALFIFCIHTRPWTSNTVFLVSLVAADFLLISNLPLRVDYYLLHETWR
FGAAACKVNLFMLSTNRTASVVFLTAIALNRYLKVVQPHHVLSRASVGAAARVAGGLWVG
ILLLNGHLLLSTFSGPSCLSYRVGTKPSASLRWHQALYLLEFFLPLALILFAIVSIGLTI
RNRGLGGQAGPQRAMRVLAMVVAVYTICFLPSIIFGMASMVAFWLSACRSLDLCTQLFHG
SLAFTYLNSVLDPVLYCFSSPNFLHQSRALLGLTRGRQGPVSDESSYQPSRQWRYREASR
KAEAIGKLKVQGEVSLEKEGSSQG

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SEO ID NO:17

Gene specific primer for 5' RACE

20 GGTAGAACTTCTAAGGTCACTAAGGCCCAG

SEQ ID NO:18

nested Gene specific primer for 5' RACE

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AAGTTCTCGGACAGGGTACTTCATGAGCAG

SEO ID NO:19

30 Gene specific primer for 3' RACE

CCATCTCTGACTTTGCTTTCCTGTGCACCC

SEO ID NO:20

nested Gene specific primer for 3' RACE

GCAACCGATATGTGCTTCACACCAACCTC

5

SEQ ID NO:21

Gene specific primer for 5'RACE

10 GAGAGTGACCACATGGTTGGGAAACCAGC

SEQ ID NO:22

nested Gene specific primer for 5' RACE

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GCCAGCACCACCTCTGCAGCTGGTA

SEQ ID NO:23

20 Gene specific primer for 3' RACE

CCTTCAGACACCTTCGTCTTCAACCTGGC

25 **SEO ID NO:24**

nested Gene specific primer for 3' RACE

GCAGCCGAGTCGGCACTGGACTTTCAC

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SEQ ID NO:25

primer for amplification of human TGR62

TGACCTTCTTCATCATTTGATGTG

SEQ ID NO:26

primer for amplification of human TGR62

GATAAAGGGCAGACCTGATTCA